

ABSTRACT

A method of reducing resonance phenomena in a transmission train of an internal combustion engine of a vehicle; when the rotation speed of at least part of the transmission train is such that the frequency of a disturbance harmonic component of the drive torque lies in the neighbourhood of a resonance frequency of the transmission train, the standard control mode of the cylinders is modified to modify the pattern of the drive torque as a function of the engine angle, and so modify the distribution of the harmonic components of the drive torque to reduce the amplitude of the disturbance harmonic component.